FORM PTO-1449 U.S. Department of Commerce (Rev. 4/92) Patent and Trademark Office

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use several sheets if necessary)

ATTY. DOCKET NO.

New PCT Nat'l Stage Application

APPLICANT

Joachim LOHR, et al.

FILING DATE

L7725.06114

GROUP

· · · · · · · · · · · · · · · · · · ·										FILING DA	ine 21, 2006	GROUP	Inassigne	d	
		<u> </u>						U.S	PAI	ENT DOC	IMENTS)				
MAKINER				(DOCUM	ENT NUMI	BER			DATE	NAME	CLASS	SUBCLAS9	FILING APPRO	DATE
/H.M./	2002	!	1	5	9	4	1	1		10/2002	AIRY MANISH et al.				
/H.M./	2004	,	1	0	2	2	0	2		05/2004	KUMARAN KRISHNANA et al.	-			
/H.M./	2003	}	0	1	2	2	2	0		01/2003	KIM KI JUN et al.	_	_		
				<u> </u>											
					<u> </u>	<u> </u>	<u> </u>						<u> </u>		
							FOI	REIG	N PA	TENT DOC	UMENTS		•		
_		DOCUMENT NUMBER						•		DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
/H.M./				1	Τ,		Τ_	<u>-</u>	٦_	00/0004	wo	-	<u> </u>	YES	Ю
1.M./		0	2	0	6	5	6	7	5	08/2001	wo				
/H.M./		0	3	0	8	5	9	0	3	10/2003	wo	_			<u> </u>
/H.M./		200	L	0	4	9	5	9	1	06/2004	wo	_			
H.M./		0	3	0	5	3	0.	1	0	06/2003	wo				
				<u> </u>	<u> </u>	ļ	ļ								
					<u> </u>		<u> </u>				<u> </u>	<u> </u>		<u> </u>	<u> </u>
												ļ	<u>.</u>		<u> </u>
										<u> </u>		<u> </u>	<u> </u>		<u></u>
		ОТ	HER	DOC	UME	NTS (Includ	ling /	Autho	or, Title, Da	te, Pertinent Pages,	Etc.)			
H.M./		PC	T Inte	ernat	ional	Sear	ch Re	port (dated	Novembe	r 11, 2005.				
H.M./		PAE SRet 200	NASC OUL, trieve	ONIC KOF ed fro	: "Ur REA om th	link p Sept. e ihte	ower 20-24 rnet:	sign: 2004 URL:	alling 1, Of http:	information linel Sept. //www.3gp	on for the scheduling 16, 2004, pp. 1-3, XI p.org/ftp/tsg_ran/W	3GPP 0023534 31 RL re	TSG RAN 53, Internet etrieved or	1 #38B et n 11-10	IS;)-
/H.M./		3GI Mo SP	PP T: dels AIN -	SG-R - Boo FEB ww.3	AN Vosted	VG1 # Mode 20, 20 org/ft	36 - Q e" R1- 04, Re o/tsa	UAL 0402 triey	COM 75, C ed fre VG1	M EUROPE Online! Feb om the Inte RL1/TSGR	: "TP on E-DCH Sys . 13, 2004, pp. 1-7, X rnet: URL: 1 36/Docs/Zips/> re	tem Perfo P0023204 trieved o	ormance - 188, MALA n 03-08-20	Traffic GA,	;
		-144			- PP-P-	- 1 79/116)		- 4117 8			. COLDOGIZIPOI- TO				

/Habte Mered/ 12/10/2007

EXAMINER: Initial if citation is considered, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

ORM PTO-1 Rev. 4/92)	1449 pl	J.S. De	partr id In	nent o	of Com	merce				ATTY. DOCKET	NO.	SERIA	VL NO.		EEL:	
9	INFQ	RMA	ŢĮQI	Ŋ DI	SCLC	SŁIR	PE			L772	5.06114	10/5	10/583,671			
					APPLI if neces			(Kg)	١Ŀ	APPLICANT	J. LC	HR, et a	.			
						-0	20		7 1	FILING DATE June	21, 2006	GROU	^{IP} Unassi	gned		
· 					·	16/2	TRAD	rt 8 P	ATE	NT DOCUME	NTS					
MINER		DOCUMENT NUMBER								DATE NAME			SUBCLASS	IF APPROPRIATE		
			\perp	·							·					
					<u> </u>											
							FOR	EIGN	PATE	NT DOCUM	ENTS		•			
	DOCUMENT NUMBER						BER			DATE	COUNTRY	CLASS	SUBCLASS	TRANSLA	MOIT	
		·				r	,							YES	NO	
		_	_					ļ							<u> </u>	
								<u> </u>		<u> </u>		<u> </u>			<u> </u>	
	۱ ـ	THE	א חכ	CUI	MENT	S (In	cludi	ng Au	thor,	Title, Date, F	Pertinent Page	es, Etc.)		,,,,,		
	0	Incr	, ,,													
/H.M./				TR he E	25.89 volut	7 v0.	3.1. T f UTF	echnic RAN A	cal Spread Sprea	pecification ecture (Relea	Group Radio ase 6), <u>www.3</u>	Access N GPP.con	letwork, F <u>ı.</u> August :	easibility 2003, pag	es 1	
	D 53	raft30 ludy	SPP on t												es 1	
	D 53	raft30 ludy	SPP on t								Group Radio ase 6), <u>www.3</u> o Radio Acces 2004, pages 1				es 1	
	D 53	raft30 ludy	SPP on t												es 1	
	D 53	raft30 ludy	SPP on t												es 1	
	D 53	raft30 ludy	SPP on t												es 1	
/H.M./	D 53	raft30 ludy	SPP on t												es 1	
	D 53	raft30 ludy	SPP on t												es 1	
	D 53	raft30 ludy	SPP on t												es 1	
	D 53	raft30 ludy	SPP on t												es 1	
	D 53	raft30 ludy	SPP on t												es 1	
	D 53	raft30 ludy	SPP on t												es 1	
	D 53	raft30 ludy	SPP on t												es 1	

EXAMINER

/Habte Mered/

DATE CONSIDERED

12/10/2007

EXAMINER: Initial if citation is considered, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

ATTY, DOCKET NO. SERIAL NO. FORM PTO-1449 U.S. Department of Commerce (Rev. 4/92) Patent and Trademark Office 10/583.671 INFORMATION DISCLOSURED L7725.06114 APPLICANT (Use several sheets if necessary) JUL 2 6 2006 Joachim LOHR, et al. TA TRADES **GROUP** FILING DATE Jüne 21, 2006 Unassigned PATENT DOCUMENTS EXAMINER IF APPROPATETE SUBCLASS DOCUMENT NUMBER DATE NAME CLASS 6 0 3 4 07/2004 Mizell, et al. 6 /H.M. /H.M./ 2 6 7 4 7 9 6 06/2004 Lintulampi et al. /H.M./ 6 7 2 8 3 6 5 04/2004 Li et al. FOREIGN PATENT DOCUMENTS SUBCLASS DOCUMENT NUMBER DATE COUNTRY CLASS TRANSLATION YES NO OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) D. Chase, "Code Combining—A Maximum-Likelihood Decoding Approach for Combining an Arbitrary Number of Noisy Packets," IEEE Transactions on Communications, vol. 33, no. 5, May 1985, pp. 385 - 393. /H.M./ 3GPP TS25.401 v6.1.0, Technical Specification, 3rd Generation Partnership Project, Technical Specification Group Radio Access Network, UTRAN Overall Description (Release 6), www.3GPP.com, June 2003, pp. 1-44. /H.M./ 3GPP TR25.896 v6.0.0, Technical Specification, 3rd Generation Partnership Project, Technical Specification Group Radio Access Network, Feasibility Study for Enhanced Uplink for UTRA FDD (Release 6), www.3GPP.com, March 2004, pp. 1-179. /H.M "Scheduled and Autonomous Mode Operation for the Enhanced Uplink," 3GPP TSG RAN WG1#31, Tdoc R1-03-0284, Tokyo, Japan, Feb. 17-20, 2003, pp. 1-7. /H.M./ "HARQ Structure," 3GPP TSG-RAN WG1#31, Tdoc R1-030247, Tokyo, Japan, Feb. 18-21, 2003, pp. 1-3. /H.M./ 3GPP TS 25.321 v6.1.0, Technical Specification, 3rd Generation Partnership Project, Technical Specification Group Radio Access Network, Medium Access Control (MAC) Protocol Specification (Release 6), www.3GPP.com, March 2004, pp. 1-61. /H.M./ 3GPP TS23.107 v6.1.0, Technical Specification, 3rd Generation Partnership Project, Technical Specification Group Services and System Aspects, Quality of Service (QoS) Concept and Architecture (Release 6), www.3GPP.com, March 2004, pp. 1-41. /H.M./ 01/02/2008 /Habte Mered/
EXAMINER: Initial if citation is considered, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

SHEET 2 OF 2 FORM PTO-1449 U.S. Department of Commerce (Rev. 4/92) Patent and Trademark Office ATTY. DOCKET NO. SERIAL NO. L7725.06114 10/583,671 INFORMATION DISCLOSURE STATEMENT BY APPLICANT PPLICANT Joachim LOHR, et al. (Use several sheets if necessary JUL .2 5 2007 ILING DATE **GROUP** June 21, 2006 2616 TRADELIAS ATENT DOCUMENTS EXAMINER IF APPROPRIETE DOCUMENT NUMBER DATE NAME CLASS SUBCLASS **FOREIGN PATENT DOCUMENTS** DOCUMENT NUMBER DATE COUNTRY CLASS SUBCLASS TRANSLATION YES NO OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) /H.M./ European Official Communication dated March 9, 2007. /H.M./ Japanese Office Action dated March 20, 2007 with English translation. NEC: "Per-Cell, Per-UE, Per-MAC-d Flow basis Scheduling Signaling in Enhanced Uplink - Agenda Item 4.3.1 Scheduler Requirement and principles", TSG-RAN Working Group 2, Cannes, France, June 21-24, 2004, Rd-041294, June 18, 2004, pp. 1-6. /H.M./ /H.M./ NEC: "Per Priority Queue basis Rate Scheduling in Enhanced Uplink - 7.3 Scheduling Schemes", TSG-RAN Working Group 1#38bis, Seoul, Korean, September 20-24, 2004, R1-041125, September 17, 2004, p. 1-3. Nokia: "QoS and Scheduling Principles in HSUPA", 3GPP TSG-RAN WG2#43, Prague, Czech, August 16-20, 2004, Rd-041519, August 16, 2004, pp. 1-3. /H.M./ Infineon: "Approach for TFC configuration to support efficient scheduling" 3GPP TSG-RAN WG2 Meeting #42, Montreal, Canada, May 10-14, 2004, R2-040959, May 10, 2004, pp. 1-3. /H.M./ Ericsson: "E-DCH Transport Formats - Agenda Item 7.6" TSG-RAN WG1#38bis, Seoul, Korea, September 20-24, R1-041183, September 17, 2004, pp. 1-3. /H.M./ Fujitsu: "Signalling framework for enhanced uplink scheduling", Internet Citation, August 16, 2004, pp. 1-3. /H.M./3GPP TS25.309 v.6.0.0, Technical Specification Group Radio Access Network; FDD Enhanced Uplink, Overall description, Stage 2, Release 6, September 2004, pp. 1-12. /H.M./ 12/10/2007 /Habte Mered/ **DATE CONSIDERED EXAMINER**

EXAMINER: Initial if citation is considered, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.